

“Progress Toward Eliminating Healthcare-Associated Infections” – October 30, 2012
Centers for Medicare & Medicaid Services (CMS)

Surgical Care Improvement Project (SCIP)

- **Data source:** Hospital Compare downloadable data zip files
- **Web site:** http://www.cms.gov/HospitalQualityInits/11_HospitalCompare.asp
- **5-Year (2013) National Prevention Target:** 95% adherence to process measures to prevent surgical site infections (SSIs)
- **Baseline period:** FY 2006 to FY 2008
- **Baseline data:** Acute care and critical access hospitals that voluntarily submit SCIP data to CMS and agree to have their data publicly reported on Hospital Compare.
 - The number of hospitals reporting SCIP data in FY 2006 (3,070), FY 2007 (3,699), FY 2008 (3,760), and FY 2009 (3,835).
- **Current data:** FY 2011; 3,620 hospitals reporting SCIP data.

Measure (and calendar quarter hospitals required to submit data for CMS payment)	Baseline									FY 2010			FY 2011			RIR*
	FY 2006			FY 2007			FY 2008			Num	Den	%	Num	Den	%	%
	Num	Den	%	Num	Den	%	Num	Den	%							
SCIP Inf 1: Abx within 1 Hr Before Incision (3Q2006)	644,141	772,122	83	925,328	1,062,744	87	976,392	1,075,088	91	1,087,715	1,121,725	97	1,047,139	1,067,622	98	12
SCIP Inf 2: Received Prophylactic Abx Consistent with Recommendations (1Q2007)	n/a	n/a	n/a	975,913	1,055,102	92	1,030,919	1,080,607	95	1,104,114	1,133,210	97	1,062,012	1,079,145	98	5
SCIP Inf 3: Prophylactic Abx Discontinued within 24 Hrs of Surgery End Time (3Q2006)	542,624	737,420	74	809,741	1,017,236	80	887,747	1,019,684	87	1,022,721	1,075,482	95	999,652	1,031,882	97	20
SCIP Inf 4: Controlled Postoperative Serum Glucose - Cardiac Surgery (1Q2008)	n/a	n/a	n/a	n/a	n/a	n/a	79,283	89,445	89	171,109	182,669	94	167,462	175,871	95	7
SCIP Inf 6: Appropriate Hair Removal (1Q2008)	n/a	n/a	n/a	n/a	n/a	n/a	827,331	856,097	97	1,613,624	1,619,940	100	1,568,908	1,571,519	100	3

*RIR = Relative Improvement Rate: (FY 2010 - avg baseline) *100/ avg baseline. Decimals were included during the computation.

Baseline calculation: weighted average of three fiscal years (sum numerators / sum denominators)

n/a: not available

CMS released SCIP Inf 2 data in Q4 2006; Inf 4 and Inf 6 not required for reporting until 1Q 2008